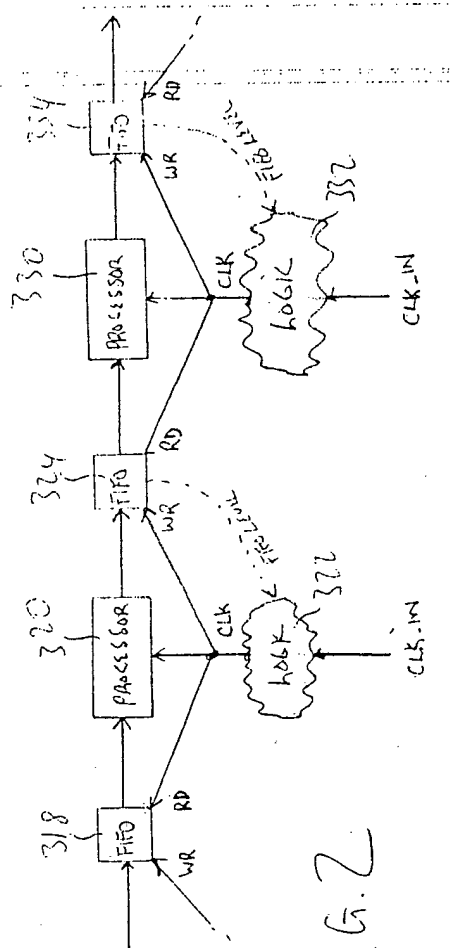


FIG. 1



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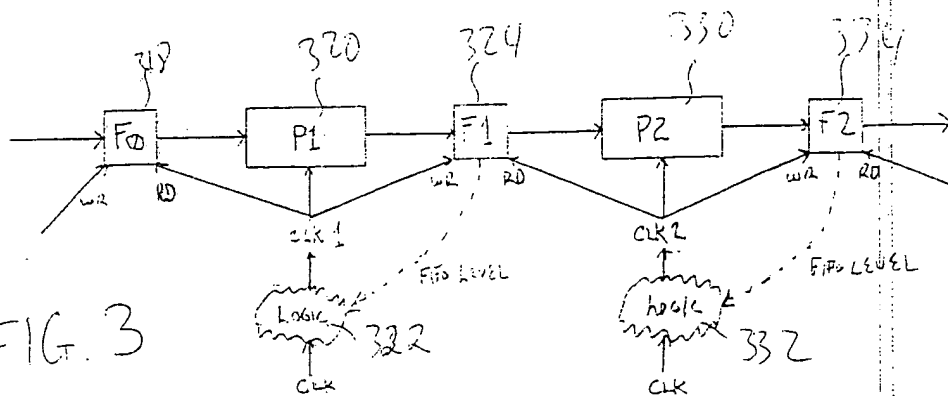
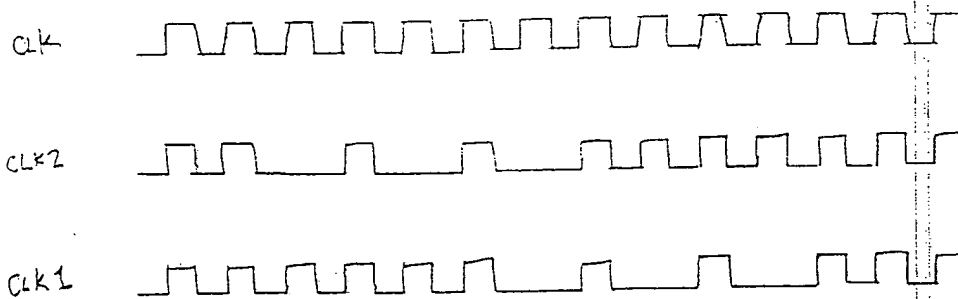


FIG. 3



320
FIFO F2 LEVEL EXCEEDS
HIGH WATER MARK
(clock rate halved)

342
FIFO F1 LEVEL EXCEEDS
HIGH WATER MARK
(clock rate halved)

FIGURE 3: EXAMPLE BEHAVIOR WITH MULTIPLE INDEPENDENT CLOCK CONTROLS

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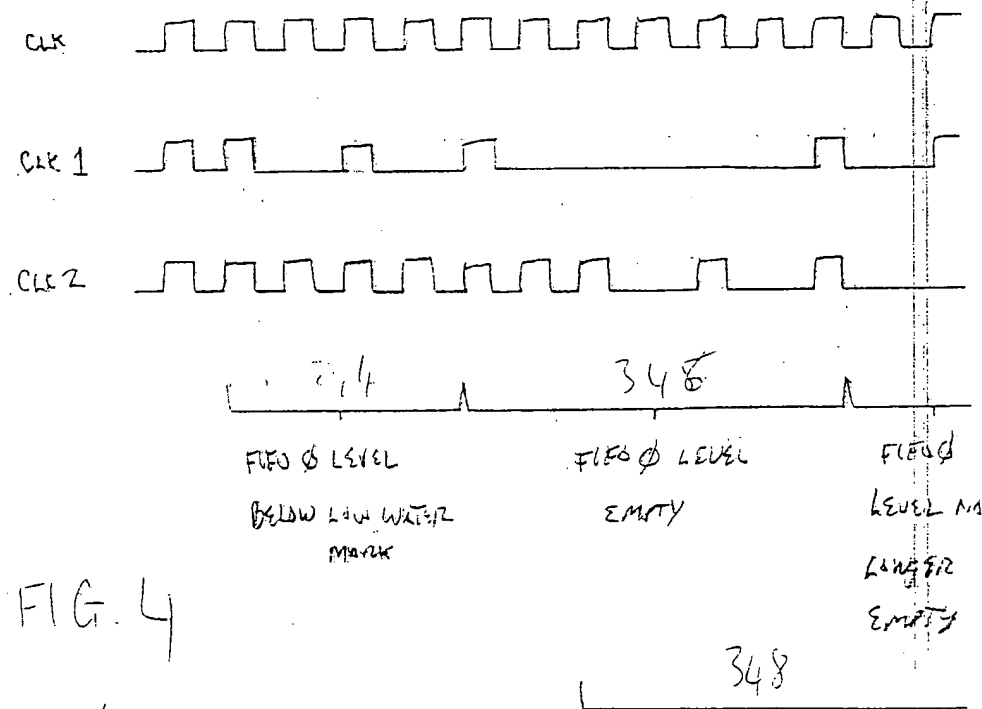
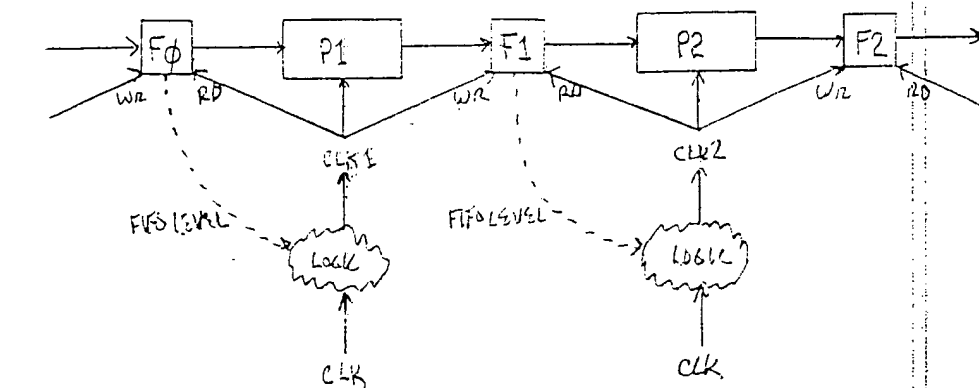


FIG. 4

FIGURE 1: EXAMPLE BEHAVIOR OF FIFO EMPTY /
 NOT EMPTY WITH MULTIPLE
 INDEPENDENT CLOCK SIGNALS

348
 FIFO 1 LEVEL BELOW
 LOW WATER MARK

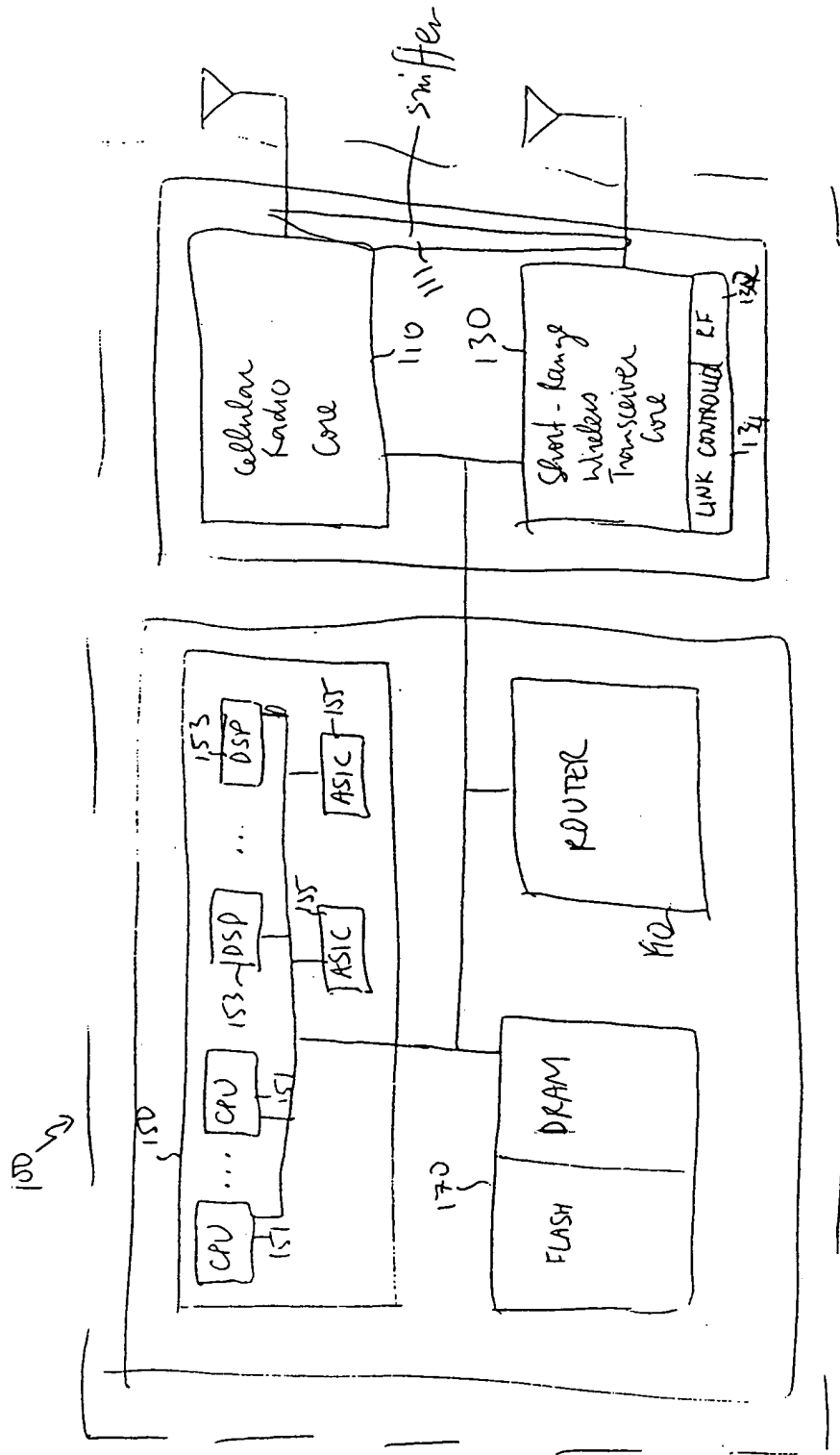


FIG. 15



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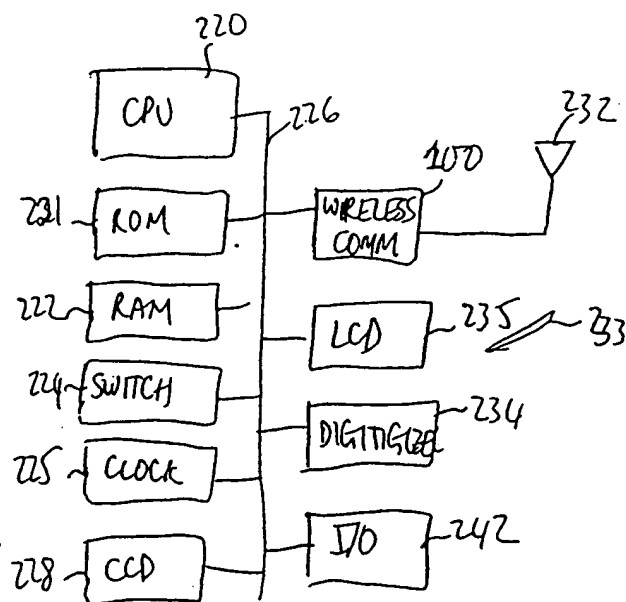
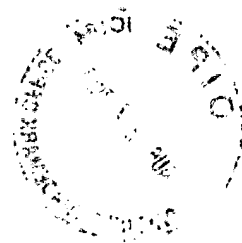


Fig 5